

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number  
**WO 2004/055446 A2**

(51) International Patent Classification<sup>7</sup>: **F24F 13/20**,  
B29C 33/38, 41/04

(21) International Application Number:  
PCT/EP2003/014574

(22) International Filing Date:  
18 December 2003 (18.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1022199 18 December 2002 (18.12.2002) NL

(71) Applicant (for all designated States except US): **OXY-CELL HOLDING BV** [NL/NL]; Kaagstraat 17-19, NL-8102 GZ Raalte (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **REINDERS, Johannes, Antonius, Marla** [NL/NL]; Oude Wakensweg 1, NL-7231 PE Warnsveld (NL).

(74) Agent: **AKERS, Noel, J.**; Howrey Simon Arnold & White, CityPoint, One Ropemaker Street, London EC2Y 9HS (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

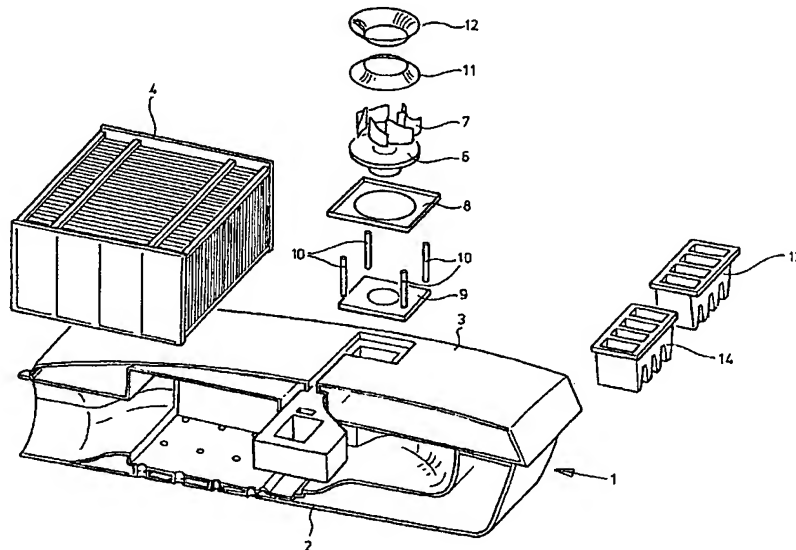
(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **HOUSING FOR AN AIR HANDLING UNIT AND METHOD OF MANUFACTURE THEREOF**



(57) Abstract: The invention relates to an air handling unit comprising a housing defining an interior space and a heat exchange element located within the interior space. The housing is provided with an air inlet and an air outlet communicating an exterior of the housing with the interior space. According to the invention the housing is at least partially formed from plastics material using a rotomoulding technique.

WO 2004/055446 A2